

BIHAR ANIMAL SCIENCES UNIVERSITY

Bihar Veterinary College Campus, Patna - 800 014, Bihar

www.basu.org.in

NOTICE INVITING TENDER (NIT) E-PROCUREMENT MODE https://www.eproc.bihar.gov.in/BELTRON

TENDER NOTICE No.: - 10/CPC/BASU/2021-22

Bihar Animal Sciences University, Patna invites online tenders (https://www.enroa.bihar.gov.in/RELTRON in Two Bid System (Technical Bid and Financial)

Dated: 25/10/2021

eproc.bihar.gov.in/BELTRON in Two Bid System (Technical Bid and Financial Bid) from Reputed, Eligible and Qualified Firms/Manufacturer/Suppliers of following Goods.

S. No.	Brief Description of Goods	Place of supply & Installation		Amount of Bid Security/ EMD in INR
1.	Ovum Pick-Up Device	Bihar Animal Sciences University, Patna	01	INR 80,000.00
		Total	01	THE PROPERTY AND ADDRESS OF THE PARTY AND ADDR

2. Schedule of Requirement: -

Sl. No.	Activity	Date/Time : Duration
1.	Online Sale/Download date of Tender documents	From
2.	End Date/Time for submission/ uploading of offer/Bid	(https://www.eproc.bihar.gov.in)
3.	Submission of EMD in Hard copy (Original)	Before the time of opening of technical bid (Procurement Office, Administrative Building, Bihar Animal Sciences University, Patna-800 014)
4.	Date & time for opening of Technical Bid	(https://www.eproc.bihar.gov.in)
5.	Contact person/Nodal Officer for queries	Director Procurement, Bihar Animal Sciences University, Patna
6.	Financial Bid Opening Date and Time	It will be intimated later on (https://www.eproc.bihar.gov.in)

- 3. Tender enquiry documents containing detailed specifications along with terms and condition can be downloaded from the e-Procurement Portal https://www.eproc.bihar.gov.in/BELTRON.
- 4. EMD must be enclosed with the hard copy of Technical Bid of the Tender in the form of Demand Draft from any Nationalised Bank in favour of FINANCE COMPTROLLER, Bihar Animal Sciences University, Patna. EMD paid through manual mode only. No interest is payable on Bid Security. Tenders without EMD shall be summarily rejected.
- 5. In the event of any of the above mentioned dates being declared as a holiday/closed day for BASU, Patna, the tender will be opened on the next working day at the prescribed venue and time.
- 6. Tenderers need not to present at the time of opening of tender as all procedures will done on online mode https://www.eproc.bihar.gov.in/BELTRON
- 7. This Tender Enquiry Document is not transferable.

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TERMS AND CONDITIONS

- The technical and financial bids should be submitted through online mode as mentioned respective stage "Technical bid" / "Financial bid" as applicable.
- 2. The bidder must provide either the Original Equipment Manufacturer (OEM) or their Authorized Distributor Certificate on their letter head in prescribed format (Annexure- I). If the same is not provided with Technical Bid the tender will be summarily rejected.
- 3. The vendors must have executed same nature of work in the last 3 years. The user list of such institutions, with name of equipments and the cost may also be supplied with the bids. Recent orders in government organization should also be enclosed.
- 4. The Financial Bid should include the cost of main Equipment/items and its essential accessories at F.O.R delivery including of all taxes, GST, charges for insurance and transportation of the goods, agency commission, installation & commissioning, training charges etc. if any.
- 5. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance.
- 6. Price bids of only those bidders will be opened whose technical bids are found suitable by the committee appointed for the purpose. Date and time of opening of price bids will be decided after technical bids have been evaluated by the committee. Information in this regard will be placed on the website or e-mail. No separate information will be send to the firms. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before issuing the purchase order.
- 7. Earnest Money Deposit (EMD): Bidder needs to submit the refundable EMD of INR 80,000.00 (Rupees Eighty Thousands) only in the form of Demand Draft from any Nationalised Bank in favour of FINANCE COMPTROLLER, Bihar Animal Sciences University, Patna. The original hard copy of EMD submitted through manual mode only, however, scan copy of EMD document uploaded on e-procurement portal. Failure to submit the EMD on due date will lead to the rejection of the tender.

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- 8. While sending rates, the firm shall give an undertaking to the effect that "the terms /conditions mentioned in the Inquiry Letter/Tender Notice against which the rates are being given are acceptable to the firm". In case the firms do not give this undertaking, their rates will not be considered.
- 9. All disputes shall be subject to Patna Jurisdiction only.
- 10. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.
- 11. Bihar Animal Sciences University, Patna reserves the right to cancel the tender at any point of time without assigning any reason.
- 12. The offer submitted by Telegram/E-mail/Speed post shall not be considered. No correspondence will be entertained in this matter.
- 14. Bidders must submit duly stamped envelope (for registered/speed post) with complete postal address for refund of EMD documents.
- 15. Manual and Documents: All manuals necessary for operating and servicing the equipment (including details of electronic circuits) will have to be provided along with the instrument.
- 16. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.
- 17. Signing of Tender documents: A person signing the tender form or any document forming part of the tender on behalf of another person should have an authority to bind such other person and if, on enquiry it appears that the person so signing had no authority to do so, Bihar Animal Sciences University, Patna may without prejudice, cancel the contract and hold the signatory liable for all costs, consequences and damages under the civil and criminal remedies available.
- 18. The tenderer should sign and affix his firm's stamp at each page of the tender and all its annexure as the acceptance of the offer made by tenderer will be deemed as a contract and no separate formal contract will be drawn. No page should be removed/ detached from this notice inviting tender.

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SPECIAL TERMS AND CONDITIONS FOR TENDERERS

The following terms and conditions should be complied with during submitting tender:-

- 1. Online https://www.eproc.bihar.gov.in/BELTRON tender invited in two bid systems.
- Tenders should be submitted to the e-Procurement Portal https://www.eproc.bihar.gov.in/BELTRON only.
- 3. GST Registration Certificate self-attested copy should be enclosed.
- Delivery schedule with definite date of delivery at destination taking into cognizance of transit facility must be indicated. This contractual delivery date/ period should be inclusive of all the lead time.
- The tenderer submitting his tender would be deemed to be considered and accepted all
 the terms and conditions. No enquiries, verbal or written shall be entertained in respect
 of acceptance or rejection of the tender.
- Bihar Animal Sciences University, Patna reserves the right to cancel/ reject in or any
 part of the tender, which generally do not fulfil the conditions stipulated in the tender
 without assigning any reason.
- Any action on the part of tenderer to influence anybody of the university shall make his/ their tender liable for rejection.
- 8. In case of placement of purchase order, the vendor (the tenderer whose tender is accepted) may comment on the purchase order within 10 days from the date of dispatch of purchase order otherwise it seems that offer is acceptable to the vendor.
- 9. Bihar Animal Sciences University, Patna may in writing make any revision or change in the purchase order, including additions or deletions from the quantities originally ordered or in the specifications or drawing. If any such revisions/ changes affect the price or delivery, the same shall be subject to the adjustment of price/ delivery, wherever required on a reasonable basis by mutual agreement in writing which should be communicated.
- 10. The institute reserves the right to cancel the purchase order or any part thereof shall be entitled to revise the contract wholly or in a part by written notice to the vendor if:-
 - (a) The vendor fails to comply with the terms and conditions of the purchase order including specifications and other technical requirement.
 - (b) The vendor becomes bankrupt or goes into liquidation.
 - (c) The vendor fails to deliver the goods in time and or does not replace the rejected goods promptly.
 - (d) A receiver is appointed for any of the property owned by the vendor.

General

- 11. Upon the receipt of the said cancellation notice, the institute shall discontinue all works of the purchase order and matters connected with it.
- 12. Supply order will be issued as per the requirement of the institute. The supplier will have to supply ordered materials within the delivery time mentioned in the supply order.
- 13. Unless otherwise specified in the order, the order price shall remain firm and will not be subject to escalation of any description during the dependency of the order, notwithstanding the change in the cost of material and components he/they may take clearance while the order is under execution even if the execution of the order for any reason whatsoever.
- 14. The institute may its option, reject such defective materials at the vendor's expense in which event the vendor shall, without any cost to the Institute and as promptly as possible, remove such materials and furnish and install proper and acceptable material.
- 15. In the event of delay delivery and/or unsatisfactory manufacturing progress and supply, the Institute has the right to cancel the purchase order as whole or in part without liability for cancellation charges.
- 16. Timely delivery as mentioned in purchase order shall be in the essence of the order and no variation shall be permitted except with prior authorization in writing from the Institute.
- 17. In the event of delay in making delivery on the part of the vendor, it will be at Institute discretion to receive delivery with a reduction in price of the article/or equipment.
- 18. Forced measure shall mean and be limited to the following: -
 - (a) Any war/hostilities
 - (b) Any riot or civil communication
 - (c) Any earthquake, flood, tempest, lighting or other natural physical disaster.
 - (d) Any strike or lock up (Only those exceeding ten continuous days' duration) affecting the performance of the vendor's obligation.

The seller shall advise the Institute by Registered Letter duly certified by local chamber of commerce of statuary authorities the beginning and end of the above caused of delay within 7 days of occurrence and cessation of such forced measure concern. In the event of delay lasting over one month, if arising due to our cause of force measure, the Institute reserves the right to cancel the order.

19. No payment shall be made for rejected materials nor would the tenderer be entitled to claim for such items.



- 20. Rejected materials would be removed by the tenderer from the site within two weeks or the date of rejection at their own cost. In case they are not removed they will be auctioned at the risk and responsibility of the suppliers without any further notice.
- 21. In case of not honouring the supply order, the Institute will have the right to impose penalty as deemed fit and to resort to make purchase at the suppliers cost and risk and his security deposit may be forfeited in favour of the Institute cost and risk.
- 22. Taxes & Levies rates of inclusive of all taxes, duties and GST. No extra payment will be made by the BASU, Patna in this regard.
- 23. Disputes, if any, arising between the Institute and the bidder out of or in connection with the terms and conditions contained herein shall be referred for arbitration to the Patna jurisdiction. Disputes shall be decided keeping in view of the terms and conditions of the tender and Bihar financial rules applicable to the Institute.
- 24. Bihar Animal Sciences University, Patna have DSIR Certificate (Reg. No.: TU/V/RG-CDE (1293)/ 2020 Dated: 07.01.2021). Hence, Customs Duty exempted on all the scientific equipment and GST should be quoted @5% only. So, price should be quoted considering this point and DSIR certificate may be made available on demand at the time of issue of supply order.
- 25. Minimum two years' warranty from the date of installation will be provided.
- 26. No Advance payment shall be made.
- 27. Virtual demonstration of quoted equipment may be asked, which shall be arranged by the firm accordingly before final decision.
- 28. For delay in supply, BASU will charge liquidated damage @0.5% per week maximum 10% after which the order will be cancelled.
- 29. Performance Guarantee: The vendor shall furnish unconditional Performance Bank Guarantee (PBG) @ 7.50% of the order value for the entire period of warranty i.e. 26 months and should be submitted at the time of supply the order in the form of Bank Guarantee (Annexure-II)/ Fixed Deposit Receipt (FDR)/ Term Deposit Receipt (TDR) in favour of "Finance Comptroller, Bihar Animal Sciences University, Patna".

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TENDER FORM

To.

The Director-Procurement,
Bihar Animal Sciences University, Patna-14

Subject: Tender Notice No.:

Sir,

I have gone through the terms and conditions laid down in the tender documents and accept the same.

I am hereby submitting the technical bid and enclosing the documents as per details given below:

CHECK LIST

- 1. EMD detail
- 2. This EMD is being enclosed (along with the technical bid).
- 3. List of procurement agencies of repute to whom the Tender item have been supplied during last two years with proof.
- 4. Authorized distributor certificate issued by original manufacturer of the equipment/item in format mention (Annexure- I).
- 5. Attested copies of GST registration.
- 6. Attested copies to PAN (Permanent Account Number).
- 7. Audited balance sheet of the firm of the last three years.
- 8. Income Tax Return copy of the last three years.
- 9. Address Proof.
- 10. Experience certificate of the last three years.
- 11. Enclosure of detail technical specification and other required documents.
- 12. Certificate that firm possess its Service Centre in Patna/Pan India.
- 13. Tender Documents duly signed on all pages.

Certified that each and every page of the tender documents are serially numbered and signed by me.

Yours faithfully,

Nature and Name of the authorized Signatory with seal

Designation
Name of the company (Tenderer)

March

TECHNICAL BID

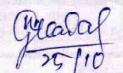


1. (a) Name of the Tende	rer:
(b) Status of the Tende	erer:
(i) Manufacturer/Impor	ter:
(ii) Proprietorship:	- Martingle are in one become a wind blood case
2. Partnership/Company	
Full Postal Address	
3. Telephone No.:	
4. Mobile No.:	
5. Fax No.:	A CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PR
6. e-mail Address:	Company of the polyant
7. (a) Names of agencies wi	th whom:the tenderer is registered.
(b) Names of procuremen	nt agencies to whom:
Items have been supplied	during last 2 years:
	der:
Name of Account Hol	der:
Name of Bank:	
Bank Account No.:	so de la
IFSC & MICR Code:	Lizon carrigina — Querrigina vi
Address of the Bank:.	- pre-page (1)

I am enclosing duly signed Technical specification of the items offered in response of this Bid.

Seal & Signature of Bidder

. Printed of Lines. Thus



Technical Compliance of the Bidder with reference to the 'Specification of Equipments' (Separate form to be used for each item offered)

Name of the Bidder/Tenderer:

Tender No.:

Name and Model No. of offered goods/equipments:

Make:

Sl. No.	Technical specification From Bihar Animal Sciences University	Features available in equipments Yes or No	Any deviation from Specification, if any	Corresponding part number/ datasheet/ page no. in broacher in support of specification
	Sector scan Ultrasound with different MHz capacity having the rectal (linear) and vaginal (micro convex) ultrasound probes for Trans Vaginal Oocyte Retrieval (TVOR) with photography and recording system and its accessories.		itelik (Lid. Latur mata din selika Lidge i rendika Senisin fallonga sebisa sak	political de la companya de la compa
2.	A state of the art, rugged, portable, easy to handle and carry portable Colour Doppler system for Veterinary application particularly for the ultrasound guided transvaginal oocyte aspiration in bovine is required with the following technical specifications: -		THE STATE OF THE S	man la sireit ine d'i sireit l'entran Methy L'AR & SERT I Million Soldani de mai
vann Hooff	• System Dimensions: The unit should be portable and lightweight colour Doppler scanner, with interchangeable long-lasting battery.			
N _G	Battery Backup: The system should have minimum backup of 3 Hrs to ensure maximum scans in remote locations that are short of power outlet.			(Burly

	• Display: LCD/LED High	(m)
	Definition monitor of minimum 12 inches with	
	a wide viewing angle, the	
w -	machine should have	
	Original veterinary	
	software, booting time of	
	< 30 seconds. Shall have	
	Digital Brightness Adjustment, VGA	A SHARLA MENTE PER PER PER PER PER PER PER PER PER PE
	Format, MI - Mechanical	The state of the s
	Index and TI - Thermal	
100	Index, portrait or	
	landscape mode.	Average designed of the bloods
	• It will be supplier's	
	responsibility to	
1	recommend suitable	
	voltage protection measures like UPS/	The state of the s
	Stabilizer, if required. It	E - Les Queens de Lancier de la Constantina del Constantina de la Constantina de la Constantina de la Constantina del Constantina de la Co
1	should be quoted as	selection continues and a selection of the selection o
	standard part of supply.	L AND SEE A POINT THE SECOND S
	No payments towards	r le lancamento proper la
	claims of failure in system	the salaritha particular to the salarithan
	due to voltage fluctuation	
	shall be entertained.	The state of the s
	Customized Trolley for Ultrasound: Should be part	
1	of standard supply.	an State of the contract of
3.	Scanning Formats:	CONTRACTOR OF THE PROPERTY OF
	Curved Array (OPU	And the state of t
	Convex Probe) and Linear	The state of the s
	Array.	
4.	Standard Transducers: (to be quoted along with	The state of the s
	the system as per the	The second of State o
	following)-	
	Linear Array Probe	in the property of the propert
	with 5/6 MHz -10.0 MHz	
	frequencies for Trans-	The control of the co
	rectal Imaging in bovine.	
	Compatible with the	Y rites around the second
	Ultrasonography unit being provided.	
	> OPU Convex probe	
	5/6-10.0 MHz for	
	ultrasound guided trans-	
	vaginal oocyte aspiration	
la de la constante de la const	in bovine with OPU	
	attachments for veterinary	
100	use in large animals work	
	with biopsy guide of OPU,	

Find	medium weighted > Length of cable minimum 180 cm	der KIII.	72	Hopfi s	King King week ki
5.	Imaging modes: Should have B, B+B, B+M, B/M,	The Art	9,1	Police Byssel	red I
	4B, B+CFM & M-Mode: with variable Sweep speed, Color Flow Mapping (CFM)				
6.	Cine Loop Frames: should			E-III so	escario I
7.	have cine loop facility B Mode Imaging: Should have features B Mode		53 53	yld di	
	Frequency, Large image in B and Dual Image for the linear probes; Cross Beam in B and Dual mode on linear probes, Biopsy guide; Orientation of image: - Up/down - Left/right, Selectable and				The state of the second of the
8.	Automatic focus. Image Management: Compatible image		-st	Secretaria	enten
	Analysis Software to archive and analyze the stored images on Personal Computer via USB.			Pierre Service Service Service	
9.	Image Storage: Onboard storage of photographs, images. Storage, recording of Images in BMP/ JPG in AVI format		S 25 S	balladu() b r prole (skop kwa na wa)	
10.	In-built work station software and USB PEN drive writing facility: Must have USB writing facilities and it can be viewed in any PC.			of constraint that extend of mail section work of section down that	
11.	USB port: USB port in the Machine must be provided to transfer Images.			arj-mojumos 1.5 13.174	Alvae III II A mai II II II Bul. Ale II II II
12.	HDD capacity: minimum 500 GB			in the stanti	
13.	Warranty: • The System should be covered with onsite warranty for minimum two years commencing from the		X 10	sicher follein Stalenius stu Holstoberg (19 Sussellein	
Allen	date of installation. The Linear (Per-rectal)				

(4.14)

14. Other Standard Accessories: Transportation case, Charger for standard battery should be supplied along with Instructions, manual etc. 15. Trans vaginal Oocyte retrieval attachment with its accessories: Probe carrier, Needles, aspiration line, Needle guide, Luer lock and needle & Aspiration Line carrier. OPU Probe holding assembly unit with all necessary attachments, Transportation case etc. Probe carrier: Should be suitable for Ultrasound probe or the probe is inbuilt facility to accommodate the needle guide. Needle & Tubing: single lumen, short disposable OPU needles which can be fitted in the above biopsy guide of the transvaginal probe for oocyte aspiration in bovine, 20G (200 nos)		probe and Per-vaginal Probe should have minimum two-year warranty or more shall be preferred.	Trum pristate mense space at	501
retrieval attachment with its accessories: - Probe carrier, Needles, aspiration line, Needle guide, Luer lock and needle & Aspiration Line carrier. OPU Probe holding assembly unit with all necessary attachments, Transportation case etc. Probe carrier: Should be suitable for Ultrasound probe or the probe is in- built facility to accommodate the needle guide. Needle & Tubing: single lumen, short disposable OPU needles which can be fitted in the above biopsy guide of the transvaginal probe for oocyte aspiration in bovine, 20G (200 nos)	14.	Accessories: Transportation case, Charger for standard battery should be supplied along with Instructions, manual etc.		
and 18G (200 nos), approx. 70 - 80mm, sterile, should have imported quality/well reputed firm, clear visibility on the ultrasound monitor during puncturing of follicles, compatible with biopsy probe, sterilized tubing with 1-1.3 mm inner diameter required (100 nos), tubing compatible to above system for aspiration, silicon coated surface, COC's	15.	Trans vaginal Oocyte retrieval attachment with its accessories: - Probe carrier, Needles, aspiration line, Needle guide, Luer lock and needle & Aspiration Line carrier. OPU Probe holding assembly unit with all necessary attachments, Transportation case etc. Probe carrier: Should be suitable for Ultrasound probe or the probe is inbuilt facility to accommodate the needle guide. Needle & Tubing: single lumen, short disposable OPU needles which can be fitted in the above biopsy guide of the transvaginal probe for oocyte aspiration in bovine, 20G (200 nos) and 18G (200 nos), approx. 70 - 80mm, sterile, should have imported quality/well reputed firm, clear visibility on the ultrasound monitor during puncturing of follicles, compatible with biopsy probe, sterilized tubing with 1-1.3 mm inner diameter required (100 nos), tubing compatible to above system for aspiration, silicon	The state of the s	

	Aspiration Tubing lines - 100 nos.	The state of the s
		to the state of th
	Needle guides -5 nos. (charled be some still a with	and the second s
	(should be compatible with screwed and non-screwed	Alas and the state of the state
		indicate the party of the
	type of needle)	hill pressed to some contact of the second
	• Stopper Assembly: (5 nos)	to the later with the burners on the
	for 50 ml conical tube	and the second s
	silicon rubber cork or aluminium cap, sterile,	sten O Juneau Hers. 1.3.3.
	aluminium cap, sterile, imported, should be	directions of contract
	compatible with above	
	system for aspiration of	I SEE OF LINE WAS A SECOND
	oocytes.	ACM RESERVED BY COMPANY
	• Needle & Aspiration Line	
	carrier – 02 Nos	
	• Luer lock – 3 nos	
6.	Vacuum Pump (Aspiration	-standardensis expensis
	Unit) with inbuilt heat	
	blocks:	
	Trans-vaginal Oocyte	
	Aspiration Pump with	
	temperature controlled	
	tube holder and all other	attent all as reminerate to the color
	necessary attachments	
	compatible with the OPU	A Build and both A Manual at 1 April 2016
	Unit being provided for	side of the state
	ultrasound guided trans-	Later (1990) selisan (40 Later) kan
	vaginal oocyte aspiration in bovine.	steaming steamen with the sensity of
	100 - 100 1 -	mining book and his best and the
	Vacuum pump and all tuhing and fitting applied	media più afron-rea donn
	tubing and fitting supplied to provide suitable	lum (Ca) (Cla ymirk) et al. (Ca)
	to provide suitable vacuum pressure (0-400	
	mmHg) for OPU in	
	bovine and compatible	
	with above aspiration	Converse of the Administration of the Converse
	assembly, adjustable tone	
	during suction applied.	
	Suction tube at least 3-3.5	
	m in length with filter (at	
	least 5 nos.)	sequent without pain deep
	• It should have LED	
	display for pressure (in	verse make in plain parties
	mmHg).	ratoria contributo e m
	Dry heat block should	A DOOR Manhard In tage
	accommodate with	- am versuti have the founds.
	minimum 8-10 nos of 50	A STATE OF S
	ml centrifuge tubes	the colon of the colonia to the colonia to
*	minimum 10 numbers of	
	15 ml centrifuge tube and	

	preferably.				10
	Dry heat block should		1 - 1 - 1		(20
1	have temperature control			THE PERSON NAMED IN	
	in between 30°C to 50°C.				
	Steady temperature		Art de trout of the	didina la	
	should be maintained at		HE HE KELLIN		
	37°C.	P. W. T. T. T. T.			
17.	Other general Consideration points (for		11071		
ilizə i	all): -		Contract of the last		
	Annual Maintenance		Married Trans	CONTRACTOR OF THE PARTY OF THE	
74	Contract (AMC): AMC				
	rates for additional Three		100000000000000000000000000000000000000	KIETE T	
111-1	years after expiry of two		A TOTAL SEPTEMBER	A TOTAL TOTAL	
	year of warranty should				
- 1	be quoted separately. The				
	total of Basic System cost		100		
	and AMC rates may be				
	considered to derive the		- Company		
- 1	lowest bid.		A STATE OF THE ROLL		
	Certifications: Systems				
- 3	should possess CE, IEC				
	Standards and ISO		TOTAL OF BUILDING	Autolitica Company	
	Certificates, Original				
	Equipment Manufacturer				
100	Certificate, quality				
1	certifications etc. Vendor				
	to attach respective				
	certificates copies.				
	Manufacturer				
4.00	Credentials:				
-	> The supplier should have				
7.5	at least 05 installations in		20		
	government/private				
	institutions/certified			Acres 1	
111	Veterinary IVF Lab in		A THE RESERVE		
	India. The list of users to				
	be furnished along with				
	contact numbers.				
	> The supplier should be				
	able to offer service to the				
	system within 24-Hours				
-	of registering a		1 31 -		
	breakdown call.			- 2 - 2	
	> The supplier should			TRUE TE	
	possess all the essential		Land Landle	W. Ash	
4 11	spare parts in order to				
- 1-	repair or rectify the				
-			The state of the s		
	system on receipt of			A LITTLE OF	
	breakdown complaint. In				
	case the system cannot be				

	be able to commit to offer a stand by loaner system as long as the system purchased by the	2072 N	NOTE THE ROLL OF THE STREET
	department is not	147(5)(0)	12.00
	repaired.	7617 47	Note that is in plant 25 in
	> Satisfactory performance		and the state of t
	report from government	POR ILLIAN	into laburo e p
	institutions for already	- "MI	ONA) kamana - John
	installed machine.	2 3071 3 15	THE PLAN AND RESIDENCE
164	> The manufacturer should	The second second	yangsa sakis hasaya ke a
	have their Service Centre	I Dine a	Assemble Application of the second
	in India to provide after		
	sales services and all	1202 (120	GA HUNGE ST. TISSED
	relevant details should be	100 34500	DAME AND AND COMME
1	provided in tender.	I THE PARTY NAMED IN	at of lossification of the
	Only imported item/items		Digrif Page
100	of reputed international brand should be quoted.		Telephon II pelli

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Seal & Signature of Bidder

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State of the state

THE VALUE OF STREET

(207)

Price Schedule form: Price Schedule for Goods Being Offered from India/abroad in INR (Separate form to be used for each item offered)

Name of the Bidder/Tenderer:

Name & Model No. of offered goods:

Tender No.:

Make:

Glanf

Annexure- I

MANUFACTURER'S AUTHORISATION FORM

To,

The Director Procurement, Bihar Animal Sciences University, Patna-800014

, Ath	
Dear Sir,	
	Ref. Your Tender Inquiry No, dated,
ofauthorise M submit a te requirement	who are proven and reputable manufacturers (Name of equipment offered in the tender) hereby Messrs
authorised t	er confirm that no supplier or firm or individual other than Messrs
	reby confirm that we would be responsible for the satisfactory execution of contract ne authorised agent.
We also co	nfirm that the price quoted by our agent shall not exceed than that which we would directly.
Note	
(i) (ii)	This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. Original letter may be sent.
(11)	Original letter may be sent.



Annexure-II

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY



To,
The Finance Comptroller,
Bihar Animal Sciences University,
Bihar Veterinary College Campus, Patna-14
WHEREAS
address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of
contract no
AND WHEREAS it has been stipulated by you in the said contract that the supplier shall
furnish you with a bank guarantee by a scheduled commercial recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;
AND WHEREAS we have agreed to give the supplier such a bank guarantee;
NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of Rs
undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your
demand or the sum specified therein.
We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.
We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.
This guarantee shall be valid until the day of, 2021.
(Signature of the authorized officer of the Bank)
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Name and designation of the officer
Para de Majores Asserbies (Sangraphina)
Seal, name & address of the Bank and address of the Branch

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Specification of Ovum Pick-Up Device (n=01)

- Sector scan Ultrasound with different MHz capacity having the rectal (linear) and vaginal (micro convex) ultrasound probes for Trans Vaginal Oocyte Retrieval (TVOR) with photography and recording system and its accessories.
- 2. A state of the art, rugged, portable, easy to handle and carry portable Colour Doppler system for Veterinary application particularly for the ultrasound guided trans-vaginal oocyte aspiration in bovine is required with the following technical specifications: -
 - System Dimensions: The unit should be portable and lightweight colour Doppler scanner, with interchangeable long-lasting battery.
 - Battery Backup: The system should have minimum backup of 3 Hrs to ensure maximum scans in remote locations that are short of power outlet.
 - Display: LCD/LED High Definition monitor of minimum 12 inches with a wide viewing angle, the machine should have Original veterinary software, booting time of < 30 seconds. Shall have Digital Brightness Adjustment, VGA Format, MI - Mechanical Index and TI - Thermal Index, portrait or landscape mode.
 - It will be supplier's responsibility to recommend suitable voltage protection measures like UPS/ Stabilizer, if required. It should be quoted as standard part of supply. No payments towards claims of failure in system due to voltage fluctuation shall be entertained.

Customized Trolley for Ultrasound: Should be part of standard supply.

- 3. Scanning Formats: Curved Array (OPU Convex Probe) and Linear Array.
- 4. Standard Transducers: (to be quoted along with the system as per the following)-
 - Linear Array Probe with 5/6 MHz -10.0 MHz frequencies for Trans-rectal Imaging in bovine. Compatible with the Ultrasonography unit being provided.
 - ➤ OPU Convex probe 5/6-10.0 MHz for ultrasound guided trans-vaginal oocyte aspiration in bovine with OPU attachments for veterinary use in large animals work with biopsy guide of OPU, medium weighted
 - ➤ Length of cable minimum 180 cm
- 5. Imaging modes: Should have B, B+B, B+M, B/M, 4B, B+CFM & M-Mode: with variable Sweep speed, Color Flow Mapping (CFM)
- 6. Cine Loop Frames: should have cine loop facility
- 7. B Mode Imaging: Should have features B Mode Frequency, Large image in B and Dual Image for the linear probes; Cross Beam in B and Dual mode on linear probes, Biopsy guide; Orientation of image: Up/down -Left/right, Selectable and Automatic focus.

- 8. Image Management: Compatible image Analysis Software to archive and analyze the stored images on Personal Computer via USB.
- Image Storage: Onboard storage of photographs, images. Storage, recording of Images in BMP/ JPG in AVI format
- In-built work station software and USB PEN drive writing facility: Must have USB writing facilities and it can be viewed in any PC.
- 11. USB port: USB port in the Machine must be provided to transfer Images.
- 12. HDD capacity: minimum 500 GB
- 13. Warranty:
 - The System should be covered with onsite warranty for minimum two years commencing from the date of installation.
 - The Linear (Per-rectal) probe and Per-vaginal Probe should have minimum two-year warranty or more shall be preferred.
- Other Standard Accessories: Transportation case, Charger for standard battery should be supplied along with Instructions, manual etc.
- 15. Trans vaginal Oocyte retrieval attachment with its accessories: -Probe carrier, Needles, aspiration line, Needle guide, Luer lock and needle & Aspiration Line carrier.
 - OPU Probe holding assembly unit with all necessary attachments, Transportation case etc.
 - Probe carrier: Should be suitable for Ultrasound probe or the probe is in-built facility to accommodate the needle guide.
 - Needle & Tubing: single lumen, short disposable OPU needles which can be fitted in the above biopsy guide of the transvaginal probe for oocyte aspiration in bovine, 20G (200 nos) and 18G (200 nos), approx. 70 80mm, sterile, should have imported quality/well reputed firm, clear visibility on the ultrasound monitor during puncturing of follicles, compatible with biopsy probe, sterilized tubing with 1-1.3 mm inner diameter required (100 nos), tubing compatible to above system for aspiration, silicon coated surface, COC's should not stick the tubing wall, should be imported.
 - Aspiration Tubing lines 100 nos.
 - Needle guides -5 nos. (should be compatible with screwed and non-screwed type of needle)
 - Stopper Assembly: (5 nos) for 50 ml conical tube silicon rubber cork or aluminium cap, sterile, imported, should be compatible with above system for aspiration of oocytes.
 - Needle & Aspiration Line carrier 02 Nos
 - Luer lock 3 nos

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16. Vacuum Pump (Aspiration Unit) with inbuilt heat blocks:

- Trans-vaginal Oocyte Aspiration Pump with temperature controlled tube holder and all
 other necessary attachments compatible with the OPU Unit being provided for ultrasound
 guided trans-vaginal oocyte aspiration in bovine.
- Vacuum pump and all tubing and fitting supplied to provide suitable vacuum pressure (0-400 mmHg) for OPU in bovine and compatible with above aspiration assembly, adjustable tone during suction applied.
- Suction tube at least 3-3.5 m in length with filter (at least 5 nos.)
- It should have LED display for pressure (in mmHg).
- Dry heat block should accommodate with minimum 8-10 nos of 50 ml centrifuge tubes minimum 10 numbers of 15 ml centrifuge tube and should be removable preferably.
- Dry heat block should have temperature control in between 30°C to 50°C.
- Steady temperature should be maintained at 37°C.

17. Other general Consideration points (for all): -

- Annual Maintenance Contract (AMC): AMC rates for additional Three years after expiry of two year of warranty should be quoted separately. The total of Basic System cost and AMC rates may be considered to derive the lowest bid.
- Certifications: Systems should possess CE, IEC Standards and ISO Certificates, Original Equipment Manufacturer Certificate, quality certifications etc. Vendor to attach respective certificates copies.
- · Manufacturer Credentials:
- The supplier should have at least 05 installations in government/private institutions/certified Veterinary IVF Lab in India. The list of users to be furnished along with contact numbers.
- The supplier should be able to offer service to the system within 24-Hours of registering a breakdown call.
- The supplier should possess all the essential spare parts in order to repair or rectify the system on receipt of breakdown complaint. In case the system cannot be repaired supplier should be able to commit to offer a stand by loaner system as long as the system purchased by the department is not repaired.
- Satisfactory performance report from government institutions for already installed machine.
- > The manufacturer should have their Service Centre in India to provide after sales services and all relevant details should be provided in tender.
- > Only imported item/items of reputed international brand should be quoted.

